

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040899.D
 Acq On : 12 May 2019 8:29
 Operator : HP/JU
 Sample : K2763-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0206-01

Quant Time: May 13 03:52:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

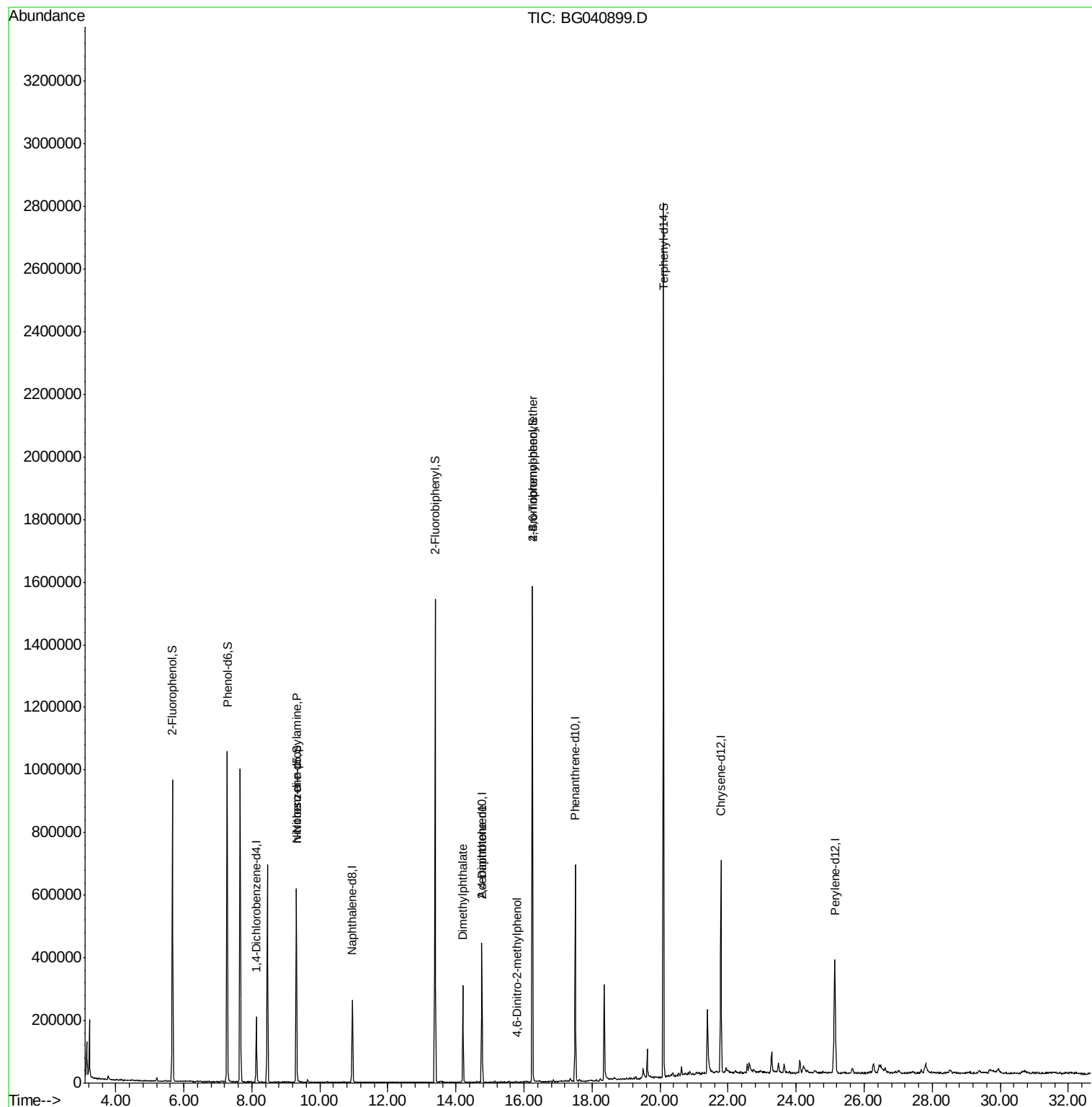
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	50677	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	212558	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	159768	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	404472	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	406818	20.00	ng	-0.04
87) Perylene-d12	25.14	264	432602	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	359012	124.88	ng	-0.02
7) Phenol-d6	7.27	99	548547	123.92	ng	-0.02
23) Nitrobenzene-d5	9.31	82	377868	82.14	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	285281	129.91	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	785742	71.03	ng	-0.03
79) Terphenyl-d14	20.10	244	1290818	70.29	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	1247	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.31	70	54579	13.697	ng	# 71
50) Dimethylphthalate	14.20	163	189142	14.149	ng	# 98
57) 2,4-Dinitrotoluene	14.76	165	20959	5.912	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.79	198	56	7.125	ng	# 28
67) 4-Bromophenyl-phenylether	16.25	248	20513	4.071	ng	# 1

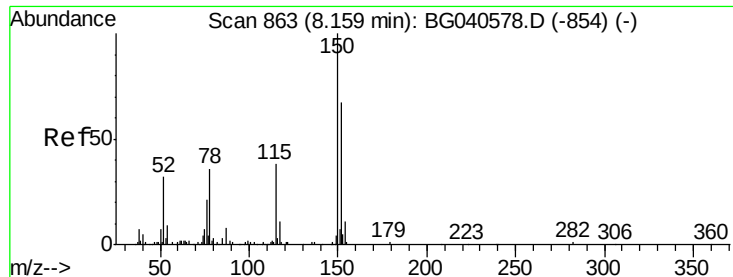
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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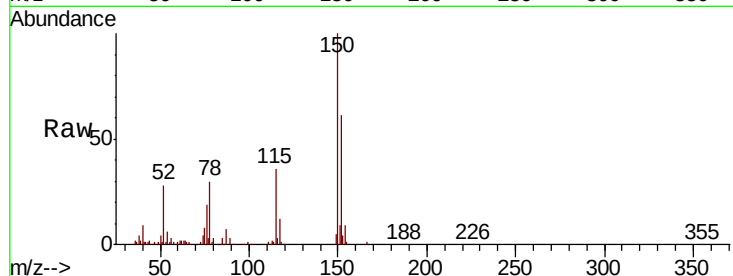


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: BG040899.D
 Acq: 12 May 2019 8:29

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0206-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.0	120.2	180.2
115	59.8	46.2	69.2

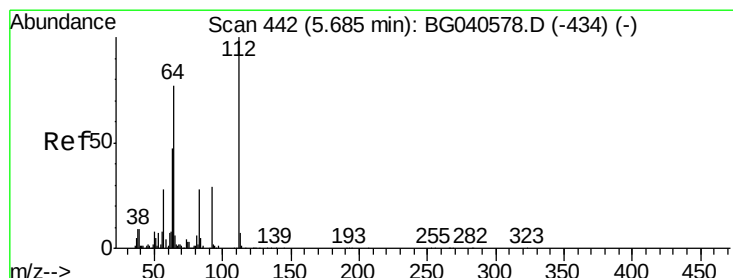
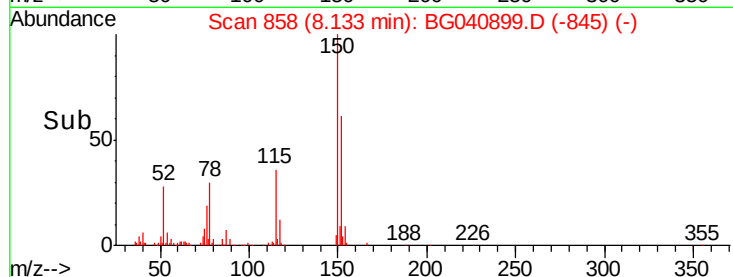
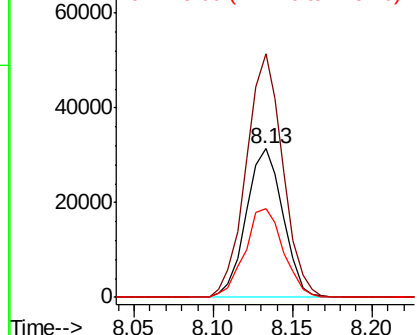


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

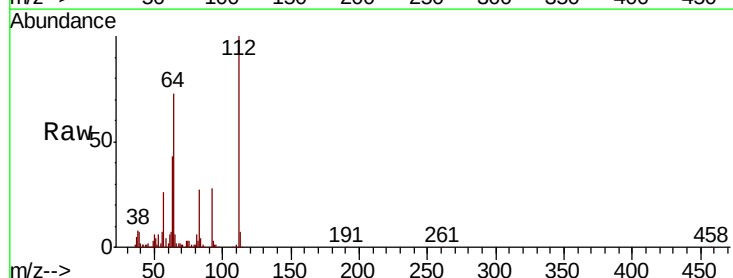
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 124.880 ng
 RT: 5.67 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BG040899.D
 Acq: 12 May 2019 8:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	61.4	92.0
63	42.7	37.8	56.6

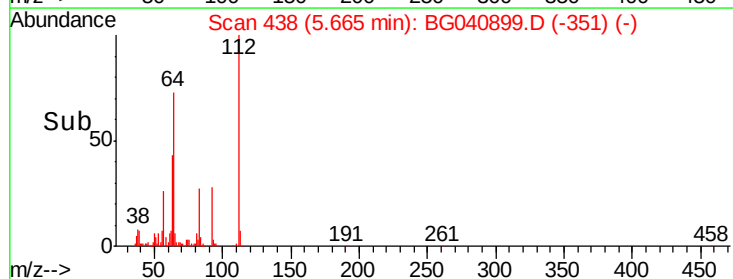
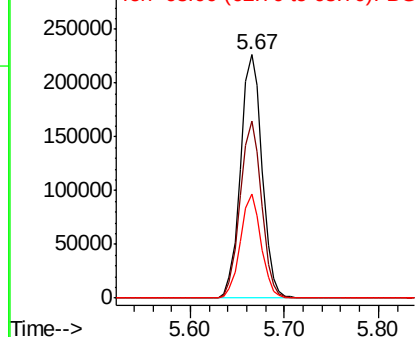


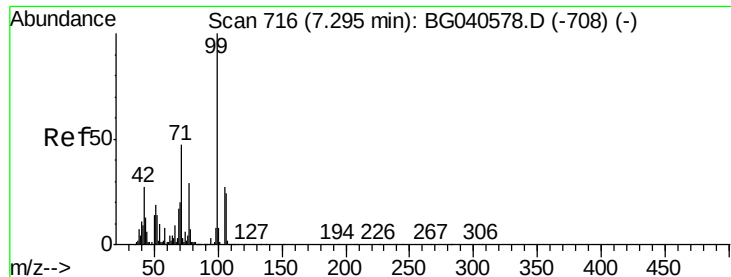
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.924 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040899.D

Acq: 12 May 2019 8:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0206-01

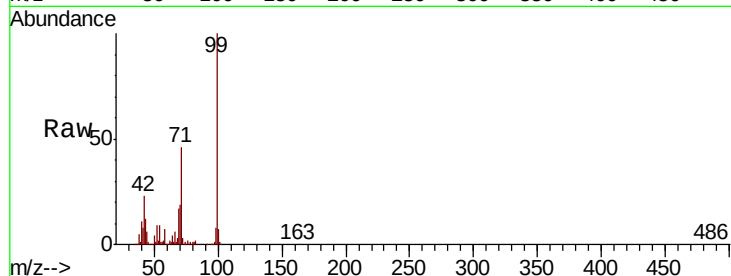
Tgt Ion: 99 Resp: 548547

Ion Ratio Lower Upper

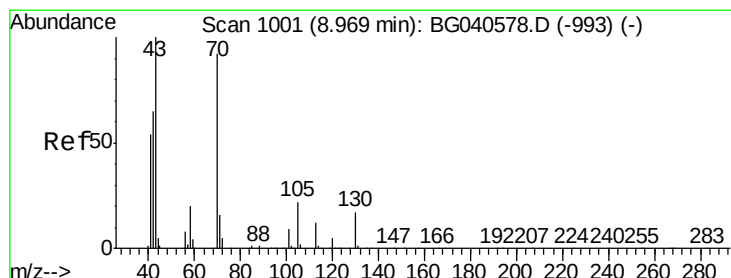
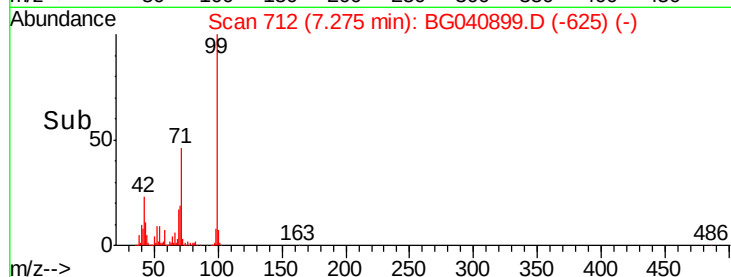
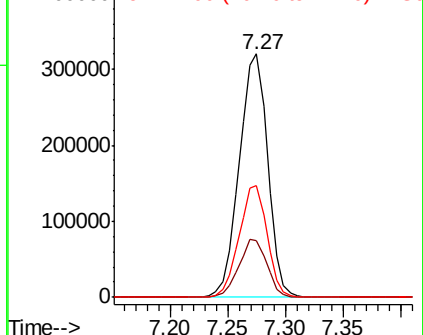
99 100

42 23.3 21.8 32.8

71 46.2 38.6 57.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.697 ng

RT: 9.31 min Scan# 1058

Delta R.T. 0.34 min

Lab File: BG040899.D

Acq: 12 May 2019 8:29

Tgt Ion: 70 Resp: 54579

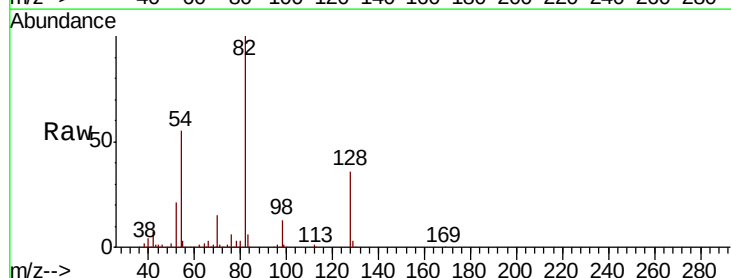
Ion Ratio Lower Upper

70 100

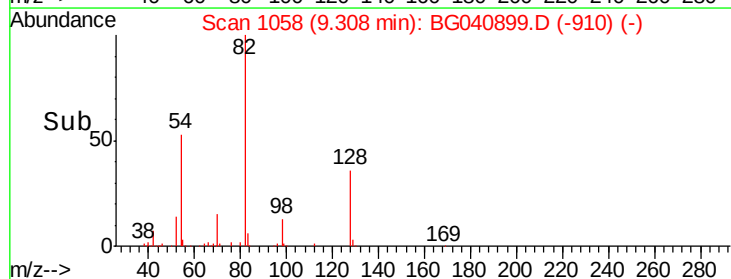
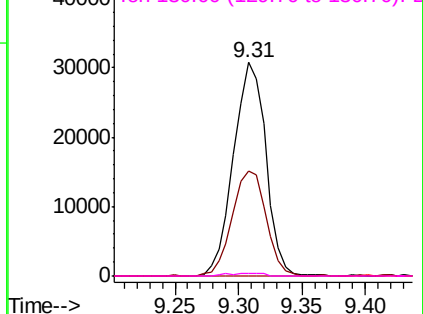
42 48.9 57.1 85.7#

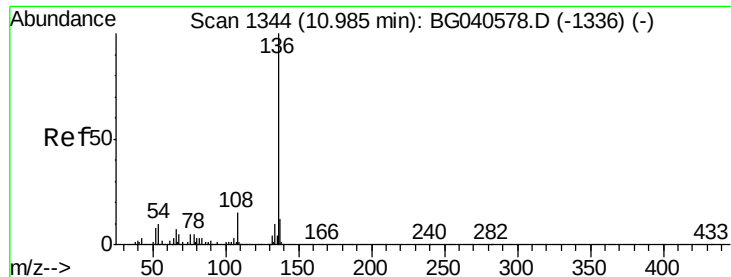
101 0.0 7.8 11.8#

130 1.3 14.6 21.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

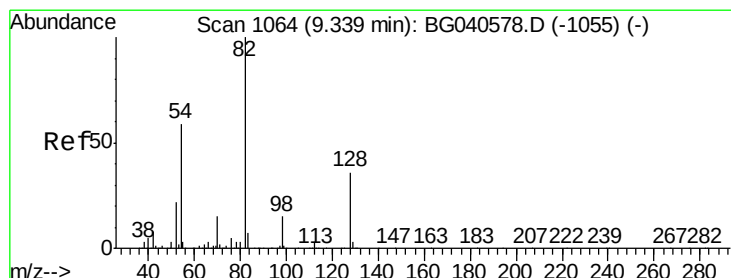
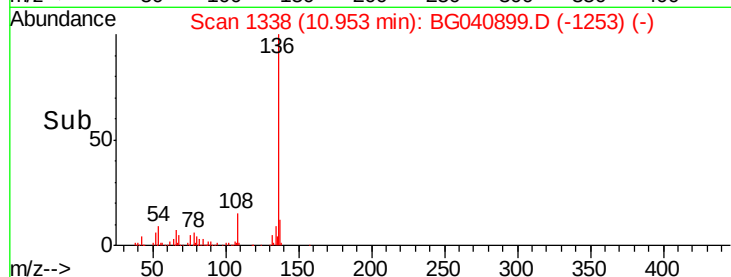
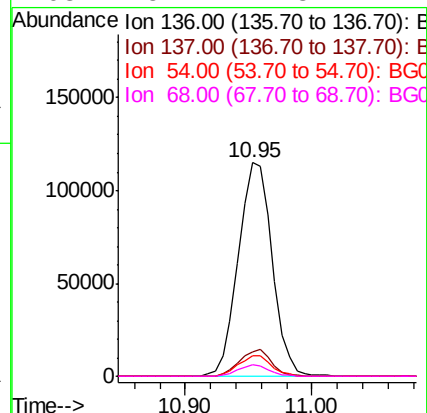
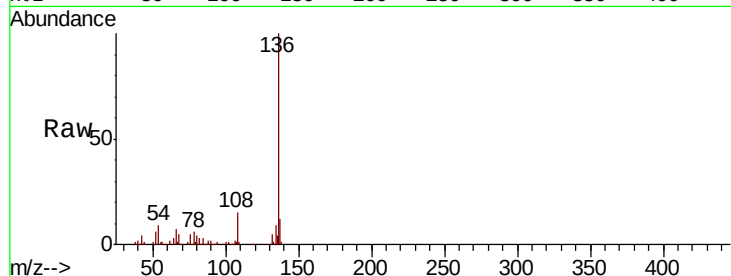




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BG040899.D
Acq: 12 May 2019 8:29

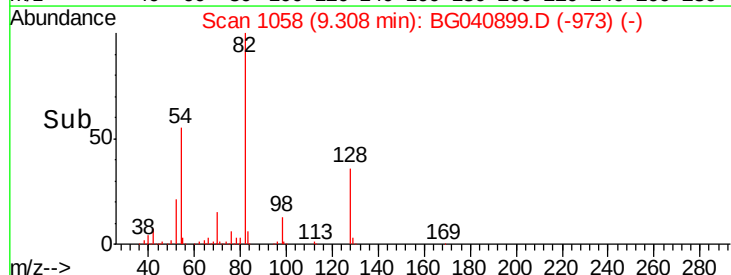
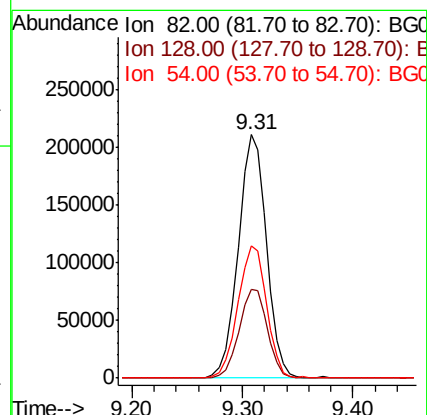
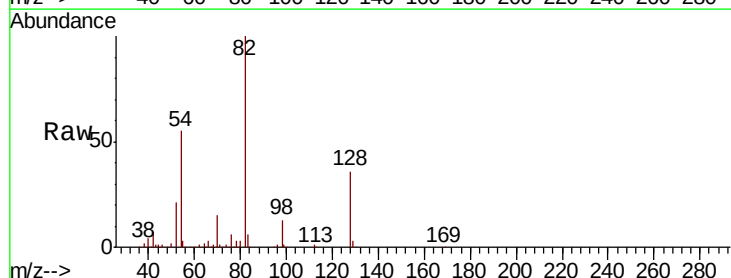
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0206-01

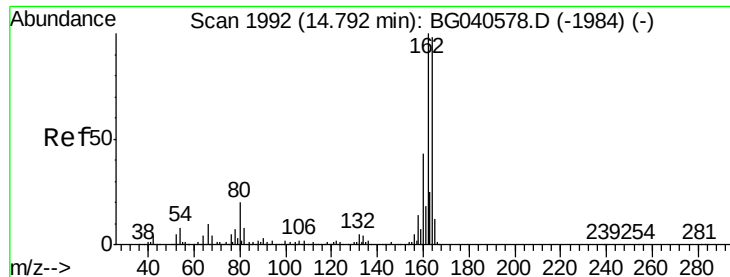
Tgt Ion:	136	Resp:	212558
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	9.4	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.142 ng
RT: 9.31 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040899.D
Acq: 12 May 2019 8:29

Tgt Ion:	82	Resp:	377868
Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.9	43.3
54	54.5	47.2	70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.03 min

Lab File: BG040899.D

Acq: 12 May 2019 8:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0206-01

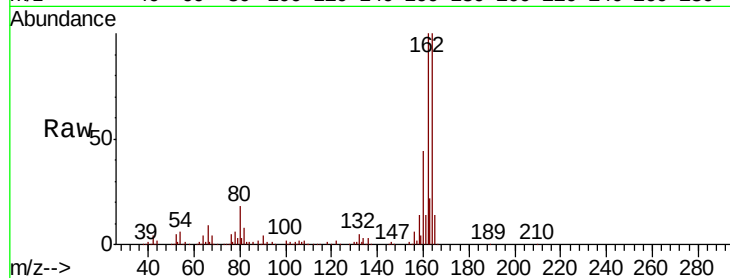
Tgt Ion:164 Resp: 159768

Ion Ratio Lower Upper

164 100

162 100.0 81.9 122.9

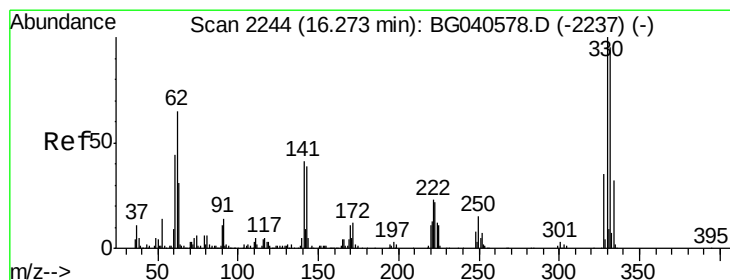
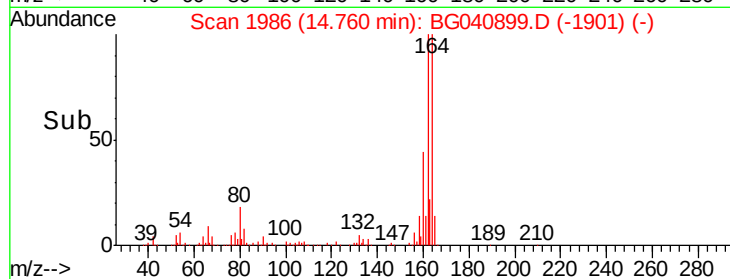
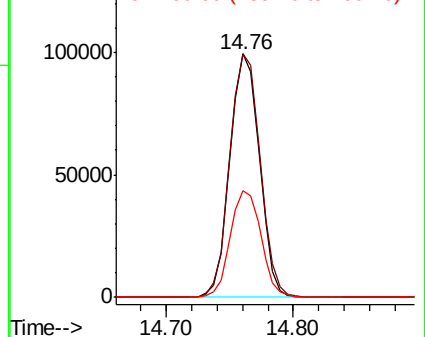
160 44.0 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 129.907 ng

RT: 16.25 min Scan# 2239

Delta R.T. -0.03 min

Lab File: BG040899.D

Acq: 12 May 2019 8:29

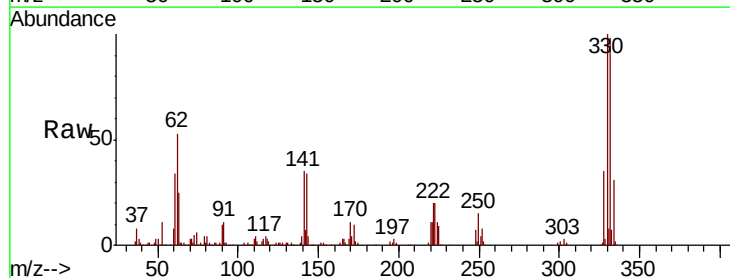
Tgt Ion:330 Resp: 285281

Ion Ratio Lower Upper

330 100

332 98.2 75.9 113.9

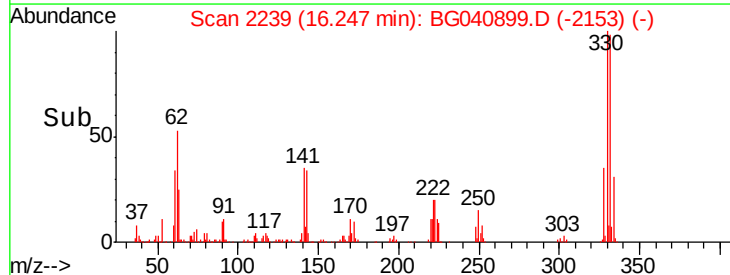
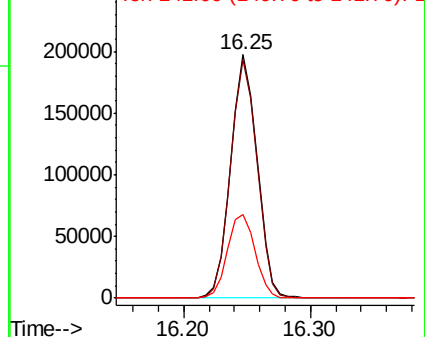
141 35.9 32.4 48.6

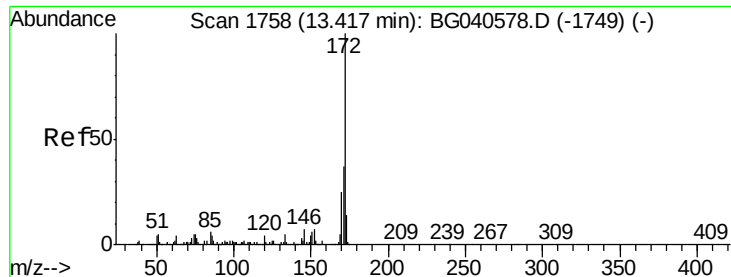


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

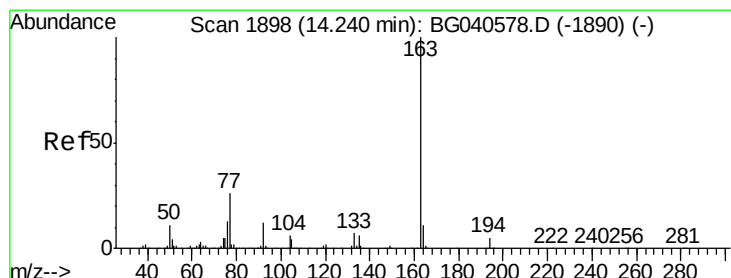
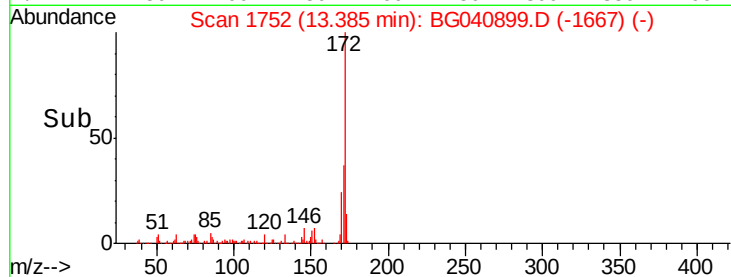
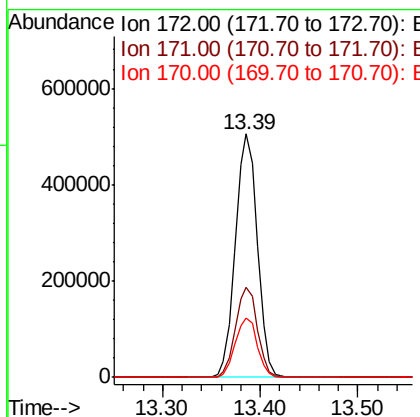
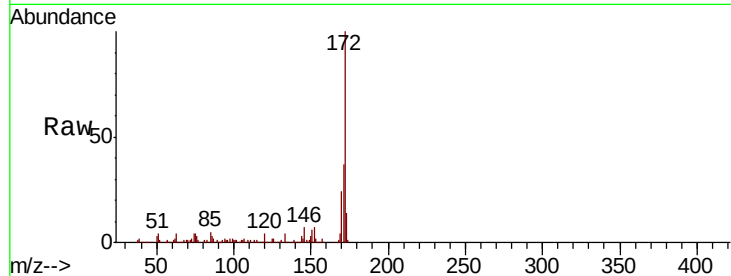




#45
 2-Fluorobiphenyl
 Concen: 71.026 ng
 RT: 13.39 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040899.D
 Acq: 12 May 2019 8:29

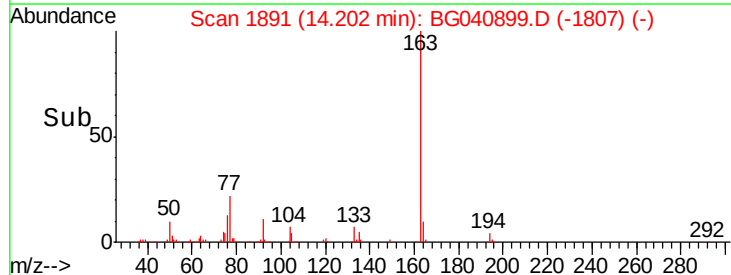
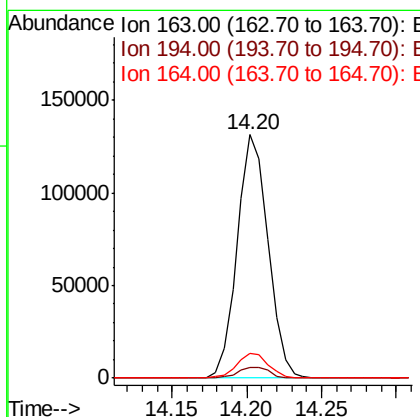
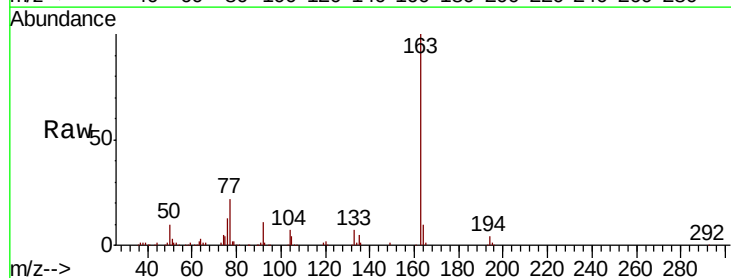
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0206-01

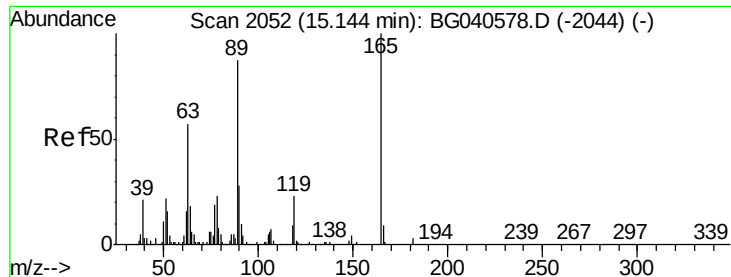
Tgt Ion:	172	Resp:	785742
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.3	19.9	29.9



#50
 Dimethylphthalate
 Concen: 14.149 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.04 min
 Lab File: BG040899.D
 Acq: 12 May 2019 8:29

Tgt Ion:	163	Resp:	189142
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.8
164	10.2	8.8	13.2





#57

2,4-Dinitrotoluene

Concen: 5.912 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.38 min

Lab File: BG040899.D

Acq: 12 May 2019 8:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0206-01

Tgt Ion:165 Resp: 20959

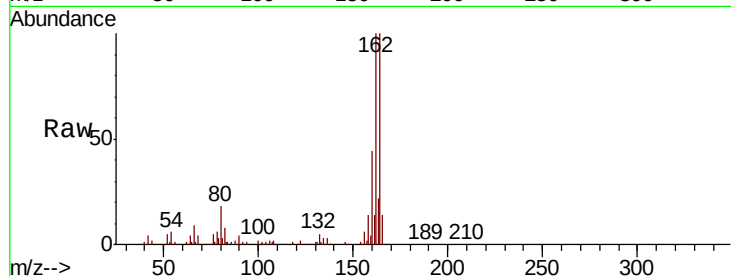
Ion Ratio Lower Upper

165 100

63 1.6 45.8 68.8#

89 1.3 69.4 104.2#

182 0.0 2.2 3.4#

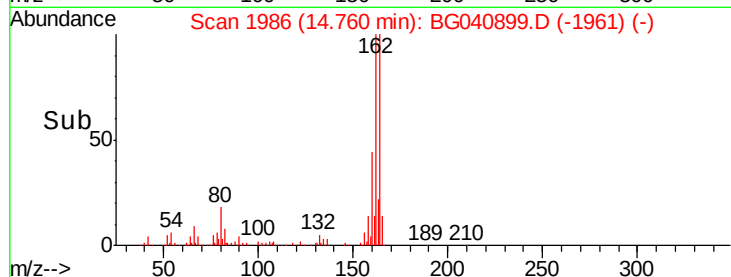


Abundance Ion 165.00 (164.70 to 165.70): E

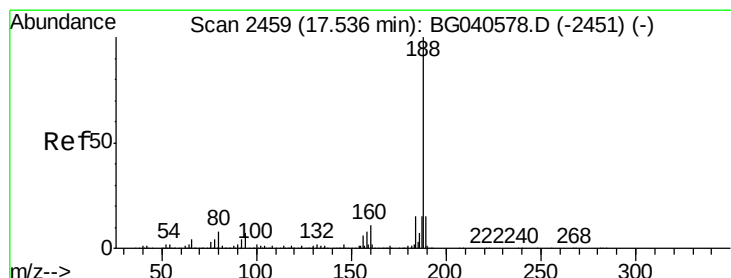
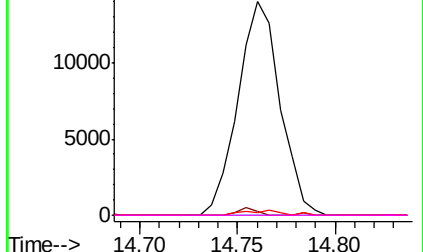
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BG040899.D

Acq: 12 May 2019 8:29

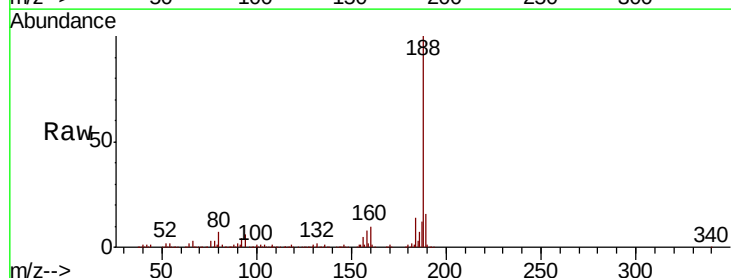
Tgt Ion:188 Resp: 404472

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

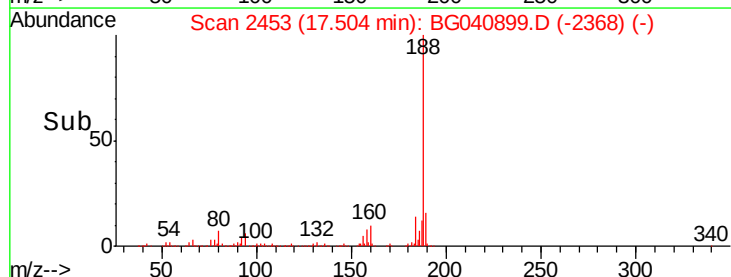
80 7.1 6.4 9.6



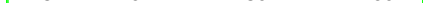
Abundance Ion 188.00 (187.70 to 188.70): E

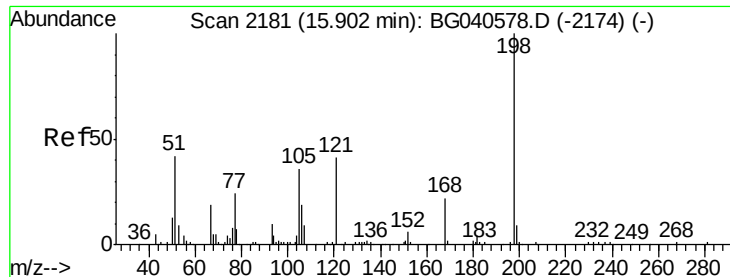
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 7.125 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.11 min

Lab File: BG040899.D

Acq: 12 May 2019 8:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0206-01

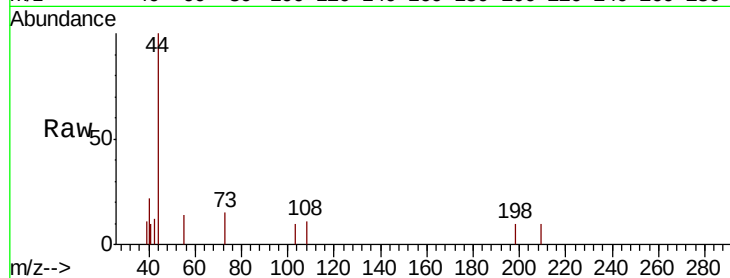
Tgt Ion:198 Resp: 56

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

105 0.0 21.2 61.2#



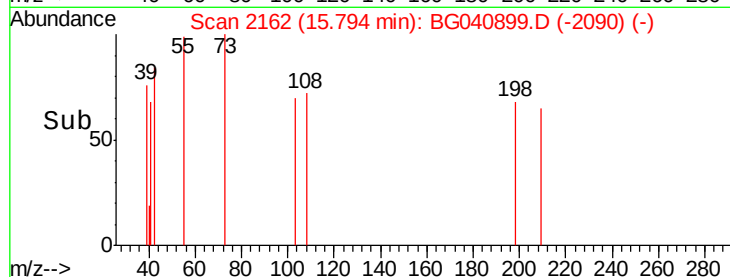
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

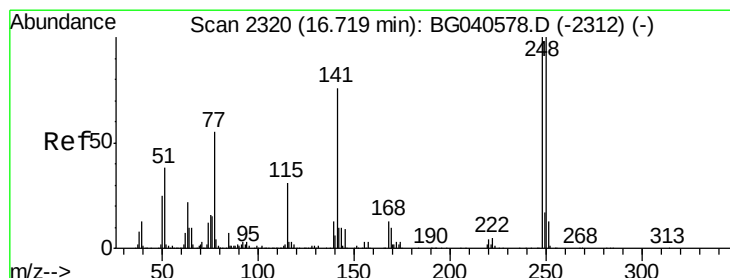
Ion 105.00 (104.70 to 105.70): E

15.79

15.78 15.80



Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.071 ng

RT: 16.25 min Scan# 2239

Delta R.T. -0.47 min

Lab File: BG040899.D

Acq: 12 May 2019 8:29

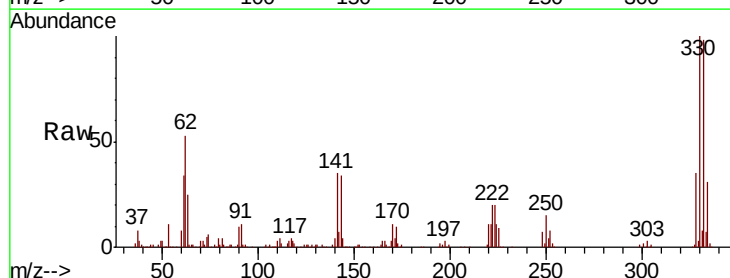
Tgt Ion:248 Resp: 20513

Ion Ratio Lower Upper

248 100

250 232.3 79.8 119.6#

141 527.3 60.8 91.2#



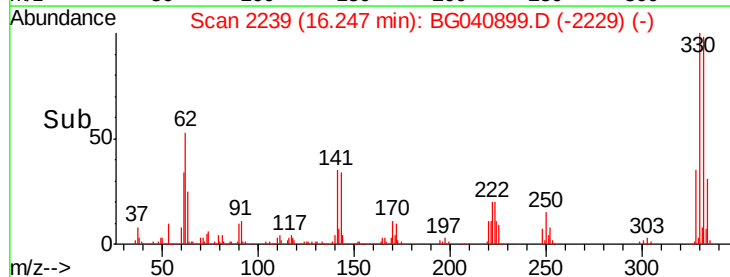
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

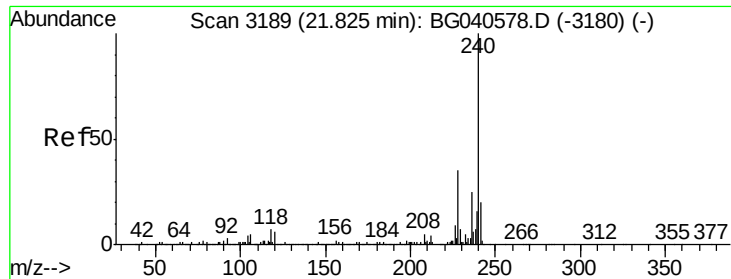
Ion 141.00 (140.70 to 141.70): E

16.25

16.20 16.30



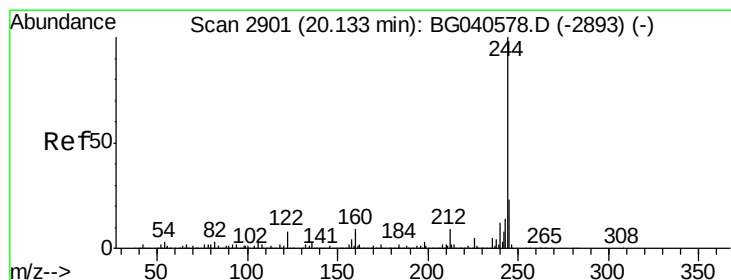
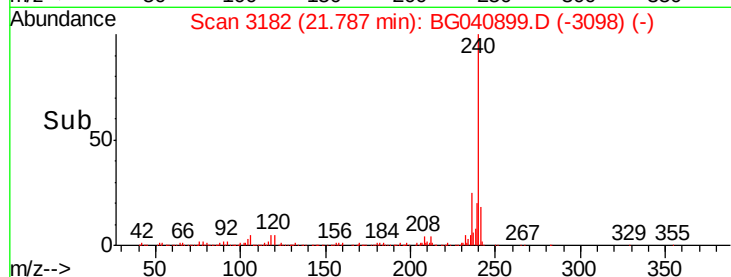
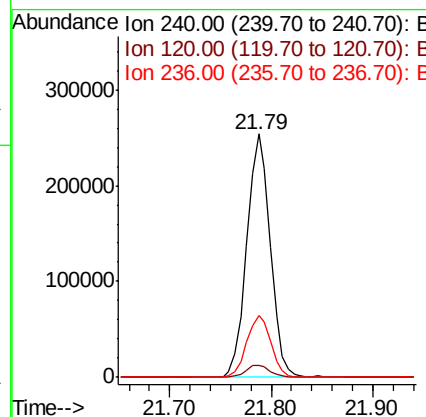
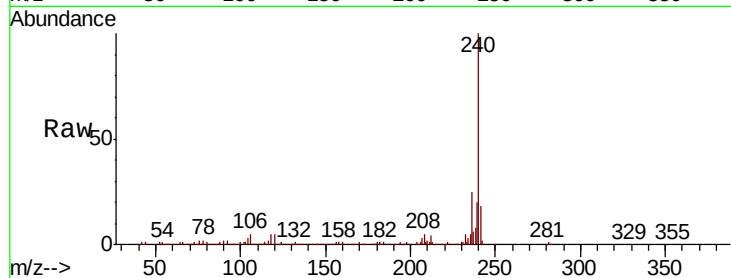
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040899.D
Acq: 12 May 2019 8:29

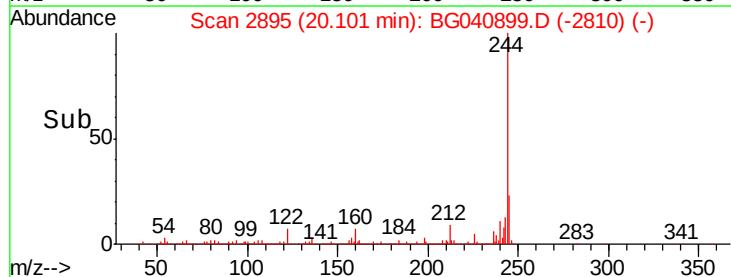
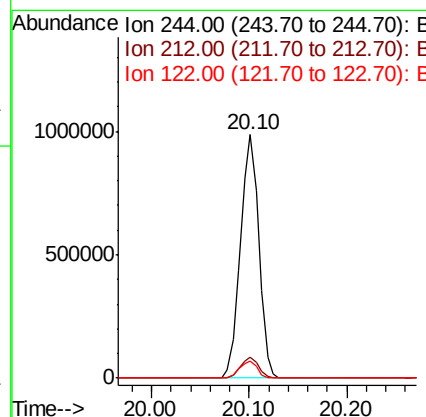
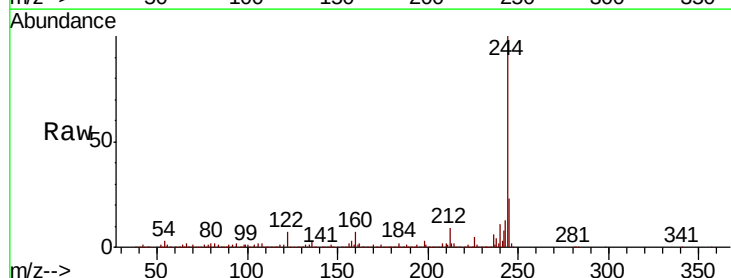
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0206-01

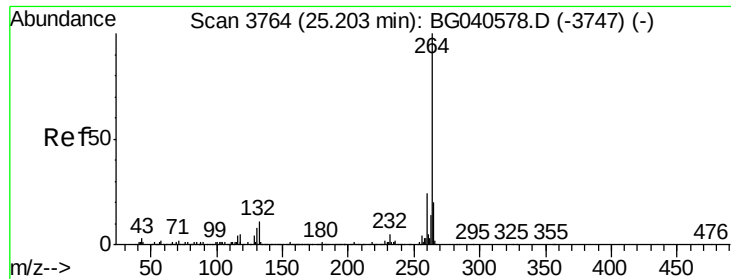
Tgt Ion:240 Resp: 406818
Ion Ratio Lower Upper
240 100
120 4.9 5.0 7.6#
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 70.295 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG040899.D
Acq: 12 May 2019 8:29

Tgt Ion:244 Resp: 1290818
Ion Ratio Lower Upper
244 100
212 8.6 7.2 10.8
122 7.0 6.6 10.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040899.D

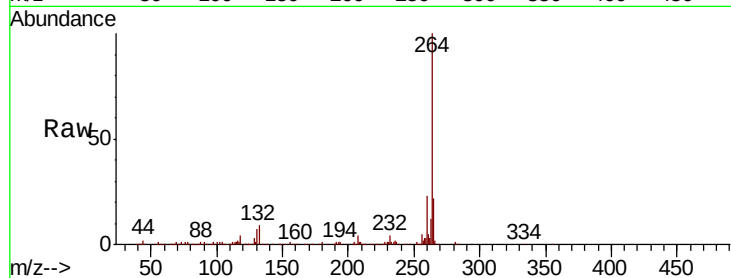
Acq: 12 May 2019 8:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0206-01



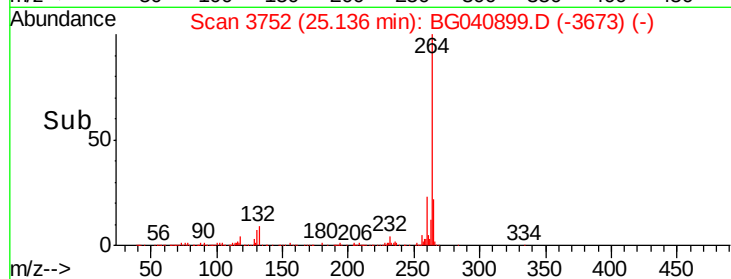
Tgt Ion: 264 Resp: 432602

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.9 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

